



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090223-B

Mode: Highway

Status: Submitted

US-17

From/Cross Street: North of SR 1433 (Antioch Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: NC 43

Project Category: Statewide Mobility

Length: 4.32

TIP#: R-3403B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$33,065,000

Description:

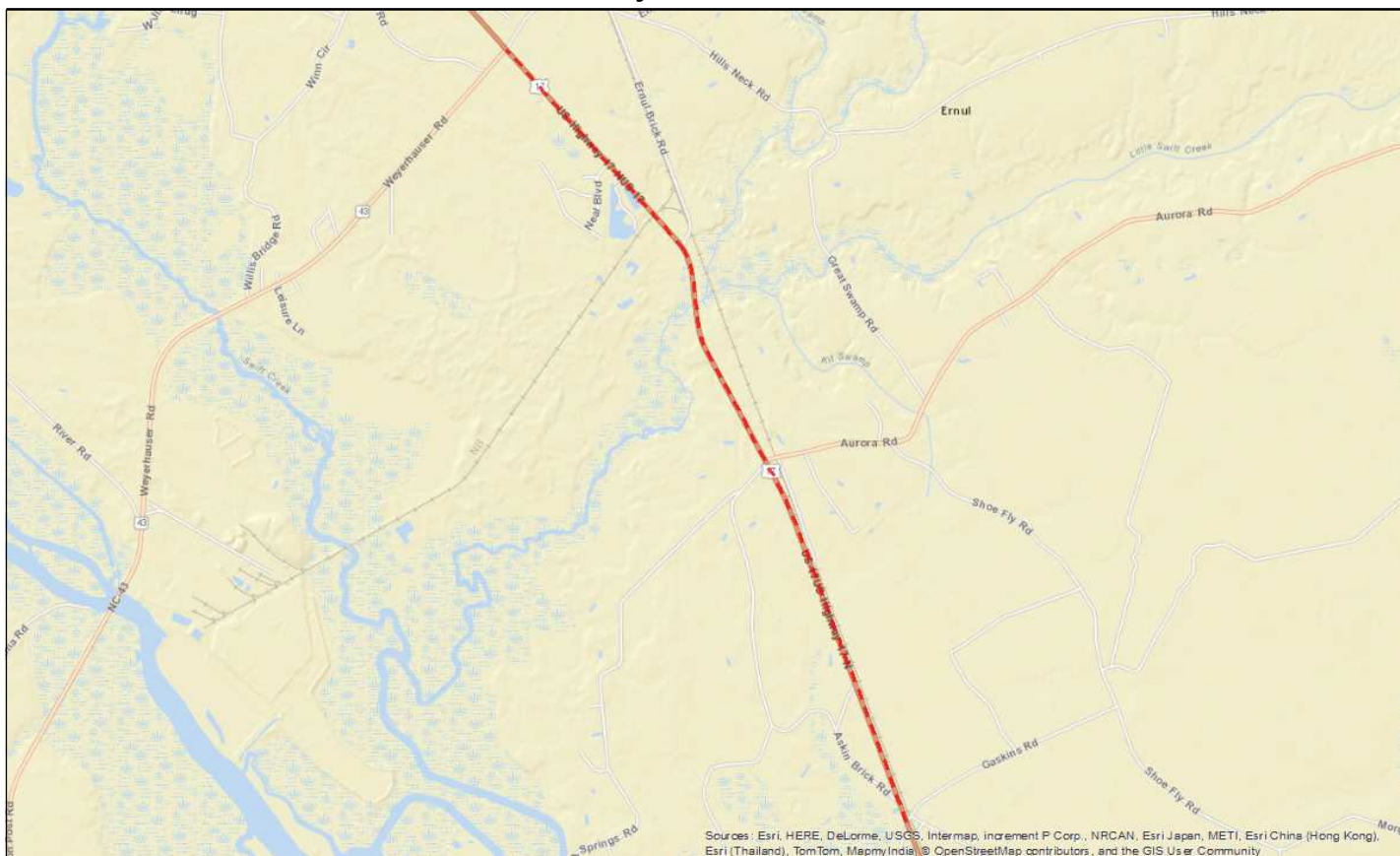
Widen to Multi-Lanes.

Division(s): Division 2

County(s): CRAVEN

MPOS(s)/RPO(s): Down East RPO, New Bern MPO

Project Location



Statewide Mobility Total Score: 12.15

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 0.00 Economic Competitiveness (10%) 0.59 Multimodal + [Freight & Military] (20%) 14.60 Congestion (V/C) (30%) 30.43 [Travel Time] Benefit/Cost (30%) 0.15	N/A	N/A
Totals: Weight: 100% Weighted Score: 12.15		

Regional Impact Total Score: 18.23

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 0.00 [Travel Time] Benefit/Cost (20%) 0.15 Multimodal + [Freight & Military] (25%) 14.60	Percent: 15% Points: 0	Percent: 15% Points: 97
Totals: Weight: 70% Weighted Score: 3.68		

Division Needs Total Score: 7.55

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (10%) 14.60 Congestion (V/C) (20%) 30.43 Safety (20%) 0.00	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 7.55		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	4.32
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	7125.38
Capacity:	15500.04
Volume/Capacity Ratio:	0.46
% Autos:	91%
% Trucks:	9%
Truck Volume:	621.85
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	99
Actual Congested Speed:	52.56
Travel Time Index:	1.05

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	4.32
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	218398.26
Travel Time Savings for 30 Years (Autos):	199337.99
Travel Time Savings for 30 Years (Trucks):	19060.27
Long-Term Employment:	4
% Change in Economy:	7.85E-06
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 2

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 2	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Down East RPO	99%	97	0
New Bern MPO	1%	0	0
	0%	0	0
TOTAL MPO/RPO Points		97	0

Project Cost and Source

Construction Cost:	\$28,400,000	TIP Unit
Right-of-Way Cost:	\$3,000,000	TIP Unit
Utilities Cost:	\$1,665,000	TIP Unit
Total Project Cost:	\$33,065,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$33,065,000	